

East Valley collection site. Collected on south end by East River. Dominant tree sp.: *M. sieversii*. Dominant shrub sp.: *Rosa*; Associated-Lonicera, *Rubus*. Dominant herbaceous: *Malva*; Assoc.-*Fragaria*. Sampled 30 fruits from 1 tree. Flesh flavor is aromatic. Fruit size is larger than 50mm, free of scab. Tree has wide angle branching, side branches long, central leader dominant. Heavy cropload.

PI 600522. *Malus sieversii* (Ledeb.) M. Roem.

Wild. Kaz 95 10-01F; GMAL 3633. Collected 08/31/1995 in Kazakhstan. Latitude 47 deg. 15' 52'' N. Longitude 81 deg. 35' 5'' E. Elevation 1000 m. Semipalitinsk Region (Tarbagatai Mountain Range). 20 km. North of Urdzhar, 3-4 km. Northeast of Alekseyevka. Collected on east ridge of South Valley. Aspect: West. Dominant tree sp.: *M. sieversii*. Dominant shrub sp.: *Amygdalus*; Associated-*Rosa*. Dominant herbaceous: *Aster*; Assoc.-*Xanthium*. Sampled 40 fruits from 1 tree. Flesh flavor is aromatic. Over color is 85% red. Fruit size is larger than 50mm, clean with slight scab. Hangs well. Heavy cropload.

PI 600523. *Malus sieversii* (Ledeb.) M. Roem.

Wild. Kaz 95 10-02F; GMAL 3634. Collected 08/31/1995 in Kazakhstan. Latitude 47 deg. 15' 52'' N. Longitude 81 deg. 35' 5'' E. Elevation 1000 m. Semipalitinsk Region (Tarbagatai Mountain Range). 20 km. North of Urdzhar, 3-4 km. Northeast of Alekseyevka. Collected in Middle and South Valley, on slopes or edges. Slope incline: 5 degrees. Aspect: West. Dominant tree sp.: *M. sieversii*. Dominant shrub sp.: *Amygdalus*; Associated-*Rosa*. Dominant herbaceous: *Aster*; Assoc.-*Xanthium*. Sampled 50 fruits from 1 tree. Fruit is hard. Over color is 80% red. Some hail damage noted. Tree sets fruit in large clusters. Heavy cropload. Spur type tree.

PI 600524. *Malus sieversii* (Ledeb.) M. Roem.

Wild. Kaz 95 10-03F; GMAL 3635. Collected 08/31/1995 in Kazakhstan. Latitude 47 deg. 15' 52'' N. Longitude 81 deg. 35' 5'' E. Elevation 1000 m. Semipalitinsk Region (Tarbagatai Mountain Range). 20 km. North of Urdzhar, 3-4 km. Northeast of Alekseyevka. Collected in Middle and South Valley, on slopes or edges. Slope incline: 5 degrees. Aspect: West. Dominant tree sp.: *M. sieversii*. Dominant shrub sp.: *Amygdalus*; Associated-*Rosa*. Dominant herbaceous: *Aster*; Assoc.-*Xanthium*. Sampled 30 fruits from 1 tree. Fruit is firm, bruises easily. Nice finish - 'Golden Delicious' type. Very free of disease. Spur type tree.

PI 600525. *Malus sieversii* (Ledeb.) M. Roem.

Wild. Kaz 95 10-04F; GMAL 3636. Collected 08/31/1995 in Kazakhstan. Latitude 47 deg. 15' 52'' N. Longitude 81 deg. 35' 5'' E. Elevation 1000 m. Semipalitinsk Region (Tarbagatai Mountain Range). 20 km. North of Urdzhar, 3-4 km. Northeast of Alekseyevka. Collected in South Valley, on slopes or edges. Slope incline: 10 degrees. Aspect: North. Dominant tree sp.: *M. sieversii*. Dominant shrub sp.: *Amygdalus*; Associated-*Rosa*. Dominant herbaceous: *Aster*; Assoc.-*Xanthium*. Sampled 35 fruits from 1 tree. Fruit is firm with aromatic and sweet flesh flavor. Over color is 60% red. Fruit size is larger than 50mm. Looks to be commercial size. Winter type. Scion also collected.

PI 600526. *Malus sieversii* (Ledeb.) M. Roem.

Wild. Kaz 95 10-05F; GMAL 3637. Collected 08/31/1995 in Kazakhstan.